

# WNYRIC Standards List as of August 2017

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

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**Category:** **1. Computers**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Desktop B. Laptop C. Tablet D. Chromebook</b>		
<b>A, B, C</b>	Apple	
<b>A, B, C, D</b>	Acer	
	Dell	
	HP	
	Lenovo	
	Sony	
	Toshiba	
<b>B</b>	BAK	Atlas only
<b>B, C, D</b>	Asus	
	Microsoft	
<b>D</b>	Samsung	Chromebook only

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## Category: 2. Operating Systems

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Network</b>	Linux	Red Hat/Ubuntu --Actively supported
	Novell	
	VMWare	Actively supported
	Windows 2008 and newer	Windows 2003-NNI (End of life June 14, 2013) Includes MS Hyper V
<b>B. Workstations</b>	Chrome OS	
	Linux	Red Hat/Ubuntu (Actively supported)
	Mac OS X	
	Thin Zero Client	
	Windows 7 and newer	Any Non-Pro version of 8 not allowed if equipment is expected to connect to the network.
	Windows Vista	Not recommended-NNI

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## C. Tablets

Android 3.1 (or above)

OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase (Actively supported)

iOS4.1 (or above)

OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase (Actively supported)

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**Category:** **3. Internet Browsers**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Chrome	Actively supported
	Edge	Actively supported
	Firefox	Actively supported
	Internet Explorer	Actively supported
	Safari	Actively supported

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**Category:** **4. Printers**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. 3D</b>		Selected models that are listed on the Erie 1 BOCES bid 3-D Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
<b>B. High Speed Networked Digital</b>	Canon	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
	Konica-Minolta	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
	Kyocera Mita	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
	Panasonic	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
	Ricoh	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
	Sharp	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>

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## B. High Speed Networked Digital

Toshiba

Selected models that are listed on the  
Erie 1 BOCES bid High Speed Printers  
17-18  
<https://main.wnyric.org/doc/Erie1Coo.nsf>

Xerox

Selected models that are listed on the  
Erie 1 BOCES bid High Speed Printers  
17-18  
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## C. Standard

Others as required or recommended by  
specific supported services/applications

Dell

Epson

HP

Lexmark

Okidata

PTM Document  
Systems

Print to mail units for Standards  
supported printers

Ricoh

Xerox

## D. Large Format Printer

HP

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**Category:** **5. Scanners**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
		Others as required or recommended by specific supported services/applications
	Canon	
	HP	

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**Category:** **6. Software**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Anti Theft/Data Protection</b>	Absolute Computrace	
<b>B. Collaborative Software</b>	Exchange	
	Lotus Notes	
<b>C. Desktop Image Protection</b>	Deep Freeze	Refer to WNYRIC End Point Management Best Practices
	ZenWorks	Refer to WNYRIC End Point Management Best Practices
<b>D. Desktop Imaging</b>	Symantec Ghost	
<b>E. Malware Protection</b>	Computer Associates	
	McAfee	
	Microsoft Endpoint Protection	
	Sophos	
	Symantec	
<b>F. Office Productivity</b>	File Maker Pro	

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<b>F. Office Productivity</b>	Microsoft Office Suite	Or its components
	OpenOffice	
<b>G. Printer Management</b>	Papercut MF	
	Print Manager Plus	
<b>H. Terminal Servers</b>	Citrix	
	Microsoft	

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**Category:** **7. Servers**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Standard</b>	Apple	NNI
	Dell	
	HP	
	Lenovo	
	Nexlink	Seneca Data-NNI
<b>B. SAN</b>		Others as required or recommended by specific supported services/applications
	Dell	
	HP	

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## Category: 8. Server Backup

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Hardware</b>	Exagrid	
	IdealStor Backup Appliance Hardware Solutions	Hardware only: Teralyte, FraneNAS, and the IdealStor Backup appliance - excludes iBac product
	Tape Backup as recommended by server manufacturer	
<b>B. Software</b>	ARCServ	
	Backup Exec	
	NovaStor	
	Paragon Backup and Restore	
	Retrospect MAC OSX	
	Veeam Backup Essentials	
	Yosemite/Novanet	

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**Category:** **9. UPS**

**Sub Category**

**Item**

**Comments**

APC

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**Category:** **10. Virtualization**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Desktop Application</b>	Oracle Virtual Box	
	Parallel	
	Spoon Virtual Application Studio	
	VMWare Fusion	
<b>B. Private Cloud</b>	Classlink- Launchpad	
	WebNetwork- Stoneware	
<b>C. Workstations</b>	nComputing	

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**Category:** *11. Communications Equipment\*\**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Routers/Switches</b>	Avaya-Nortel/Extreme Systems	Continuation of Avaya-Nortel purchased through Extreme.
	Cisco	
	Cisco Meraki Cloud Managed Switch Gear	Must consult with WNYRIC WAN Senior Engineer prior to purchase.
	Dell	
	HPE/Aruba	
<b>B. Wireless Access Points</b>	Juniper	
	Apple	
	Aruba	
	Avaya-Nortel/Extreme Systems	Continuation of Avaya-Nortel purchased through Extreme.
	Cisco	
	Fortinet	

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**B. Wireless Access Points** Meraki/Cisco

**C. Wireless Bridge** LigoWare

Ubiquiti

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**Category:** **12. VoIP**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
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Avaya

Cisco

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## **Category:** 13. Video Conferencing

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Hardware Appliance Based</b>	Cisco Tandberg Videoconferencing	
	Polycom Videoconferencing	
<b>B. Software Based</b>		

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**Category:** **14. Network Optimization**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Vmware Vcenter Operations Manager	

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## **Category:** 15. End Point Management

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Faronics Deep Freeze Cloud Connector	
	IBM TEM	Tivioli Endpoint Management
	Impero	Accessible on local network only
	JAMF Casper Suite	
	Lansweeper	
	SCCM	2012 SP1 and newer